

DEBRIS DELIVERY REQUIREMENTS AND SCHEDULE

FDF will deliver Category 2 through 5 **material** (debris) to the Contractor at the OSDF Material Transfer Area (Transfer Area) in one of the following container types: 1) Roll off box (ROB) (nominal 8'x22'x6'); 2) ISO container (ISO) (nominal 8'x8'x20'); or 3) pallet or dunnage mounted material (nominal 4'x6'x4'). Specifications for the containers and the associated container handling equipment are contained in Exhibit "G".

The anticipated quantities of debris to be available for placement in the OSDF during the Base Contract will be as shown in Table F-1. The associated volume of debris is approximately 13,570 cubic yards. These quantities are based on staged debris and debris yet to be delivered to the Transfer Area. The delivery of palletized material can be increased by notifying the Construction Manager at least five (5) working days in advance. An alternate delivery schedule requested by the Contractor for other containerized debris will be considered by the Construction Manager. Table F-1 further defines debris types and availability schedule for the Base Contract. Similar information is provided in Table F-2 for options A & B. For schedule purposes, the Contractor shall assume level delivery of debris by category from April through mid-November for Options A and B.

Container storage space in the Transfer Area and the number of ROB's are both limited. Therefore, debris deliveries are contingent upon the Contractor's ability to place debris and return containers to the Transfer Area in a manner which optimizes the delivery schedule and ensures staging area is available within the Transfer Area. The Contractor's debris placement schedule must utilize debris available as shown in tables F-1 and F-2 to maintain an even flow of containers. Coordination of debris deliveries shall be through the Construction Manager.

The Contractor shall provide flat bed or lowboy trailers for movement of ISO's and palletized/dunnage mounted material. The Contractor shall stage the empty trailers in the Transfer Area. FDF will pick up a trailer, load it with ISO's or palletized material and return it to the Transfer Area. The Contractor shall be responsible for hauling the trailer to the OSDF, unloading it, decontaminating it at the OSDF Equipment Wash Facility and returning it empty to the Transfer Area. The Contractor shall determine the number of trailers required in order to meet the placement schedule. FDF will require one (1) working day to reload and return the trailers to the Transfer Area.

Roll-Off Box Contents

ROB's will contain OSDF Category 2 impacted materials. A small number of the ROB's will contain Category 4 impacted materials. The majority of the Category 4 ROB's to be generated during the Base Contract will be staged along with other ROB's at the Transfer Area by June 1, 1998. Approximately 79 ROB's (including Category 2 and 4) will be pre-staged at the Transfer Area by June 1, 1998. Due to the sites need for ROB's, the placement of this material is priority.

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Roll-Off Box Handling and Unloading

The Contractor shall utilize a roll off box truck(s) that meets the specifications in Exhibit "G" to transfer the ROB's to the OSDF and to unload the material. Care shall be taken not to damage the ROB's, tarps and braces that would prevent repeated usage. Full ROB's will be delivered to the Transfer Area with tarps and support braces installed. The Contractor shall remove the tarps and braces ensuring they are controlled, and replace them prior to the empty ROB's return to the Transfer Area. ROB's will be decontaminated and radiologically surveyed prior to release to the Transfer Area. The Contractor shall notify the Construction Manager when empty ROB's are returned to the Transfer Area and ready to be picked up.

ISO Contents

The ISOs are single-end access (double doors) and will be used to deliver double-bagged Friable Presumed Asbestos Containing Materials (PACM) (Category 5).

ISO Handling and Unloading

After unloading an ISO in the cell, the Contractor shall completely empty it of all material, decontaminate it at the OSDF Equipment Wash Facility, and have it surveyed for radiological contamination by FDF for release back to the Transfer Area. The Contractor shall notify the Construction Manager when empty ISO's are ready for pick up at the Transfer Area.

Pallet Contents

Transite siding and other Category 3 Material will be banded to either standard wooden pallets, 4'x4' metal pallets, or loose on wooden dunnage. The loaded pallets will be nominally 4'x6'x4' but vary in size due to the different lengths of material. Pallets are to be placed in the OSDF along with the material.

ISO and Transite Pallets Handling and Unloading

Unloading directly from the flatbed/lowboy in the OSDF is the preferred method, however, the Contractor may choose to stage pallets flatbed/lowboy trailer in the Transfer Area with approval of the Construction Manager.

Have flatbed/lowboy surveyed for radiological contamination by FDF for release back to the Transfer Area.

Table F-1 - Debris Deliveries to OSDF Transfer Area FY98

OSDF Category	Description	OU3 Category	Pre-Staged		Weeks 1/2		Weeks 3/4		Weeks 5/6		Weeks 7/8		Weeks 9/10		Weeks 11/12		Weeks 13/14		Weeks 15/16		Weeks 17/18		Totals	
			CY	# Cont	CY	# Cont	CY	# Cont	CY	# Cont	CY	# Cont	CY	# Cont	CY	# Cont	CY	# Cont	CY	# Cont	CY	# Cont	CY	# Cont
2	2 - Structural Steel	A	---		---		34	16	25	12	25	12	21	10	53	25	51	24	15	7	---	---	225	106
2	Inaccessible Metal	B	---		706	54	26	2	183	14	144	11	209	16	640	49	640	49	680	52	523	40	30751	287
2	Light-Gauge Metal	D	---		13	1	---	---	13	1	---	---	13	1	---	---	13	1	26	2	---	---	78	6
2	Concrete	E	---		---	---	---	---	248	19	392	30	209	16	78	6	118	9	157	12	---	---	1202	92
2	Misc. Materials	I	2005	59	---	---	136	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2141	63
2	Non-Regulated ACM	G	---		---	---	238	7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	238	7
3	Transite	G	---		56	90	56	90	56	90	56	90	56	90	56	90	55	89	55	89	55	89	498	807
4	Misc. Materials	I	449	20	180	8	225	10	449	20	337	15	225	10	225	10	225	10	225	10	225	10	2763	123
5	Double-Bagged Friable PACM	H	---		14	95	416	14	14	95	416	14	267	9	386	13	535	18	187	6	187	6	2674	90
Totals: ROBs			(79)		(63)		(39)		(66)		(68)		(53)		(90)		(93)		(83)		(50)		(684)	
Pallets			---		(90)		(90)		(90)		(90)		(90)		(90)		(89)		(89)		(89)		(807)	
ISOs			---		(5)		(14)		(5)		(14)		(9)		(13)		(18)		(6)		(6)		(90)	
Total Cubic yds			2454		1103		1130		1123		1370		1000		1438		1637		1335		981		13571	

Notes: Category 2 materials will be delivered in roll-off-boxes (ROBs)
Category 3 materials will generally be limited to palletized transite bundles.
Category 4 D&D materials will be delivered in ROBs.
Category 5 materials from D&D will be limited to double bagged asbestos, delivered in end-access ISO containers.
"PACM" = Presumed Asbestos Containing Material
"ACM" = Asbestos Containing Material
"Cont." = Roll off Box, ISO Container or Pallet
OSDF Category and OU3 Category as per Impacted Material Placement Plan - Ref. Part 7 Technical Drawings and Specifications

Table F-2 - Debris Deliveries to OSDF Transfer Area FY1999 and FY2000

OSDF Cat.	Description	OU3 Cat.	FY1999		FY2000	
			CY/YR	# Cont.	CY/YR	# Cont.
2	Structural Steel	A	728	343	144	68
2	Inaccessible Metal	B	4,718	361	13,096	1,002
2	Light-Gauge Metal	D	26	2	52	4
2	Concrete	E	3,084	236	784	60
2	Miscellaneous Materials	I	442	13	2,175	64
2	Non-Regulated ACM	G	102	3	136	4
3	Transite	G	131	212	198	320
4	Miscellaneous Materials	I	306	9	985	29
5	Double-Bagged Friable PACM	H	494	11	405	9
Totals: ROBs Pallets ISO's			967		1,231	
			212		320	
			11		9	
Total Cubic Yards			10,031		17,975	

Notes:

- Category 2 materials will be delivered in roll-off boxes (ROBs)
- Category 3 materials will generally be limited to palletized transite bundles.
- Category 4 D&D materials will be delivered in ROBs.
- Category 5 materials from D&D will be limited to double bagged asbestos, delivered in end-access ISO containers.
- PACM" = Presumed Asbestos Contraining Material
- "ACM" = Asbestos Containing Material
- "Cont." = Roll-off Box, ISO Container or Pallet
- OSDF Category and OU3 Category as per Impacted Material Placement Plan - Ref. Part 7 Technical Drawings and Specifications